

FIGURE 1

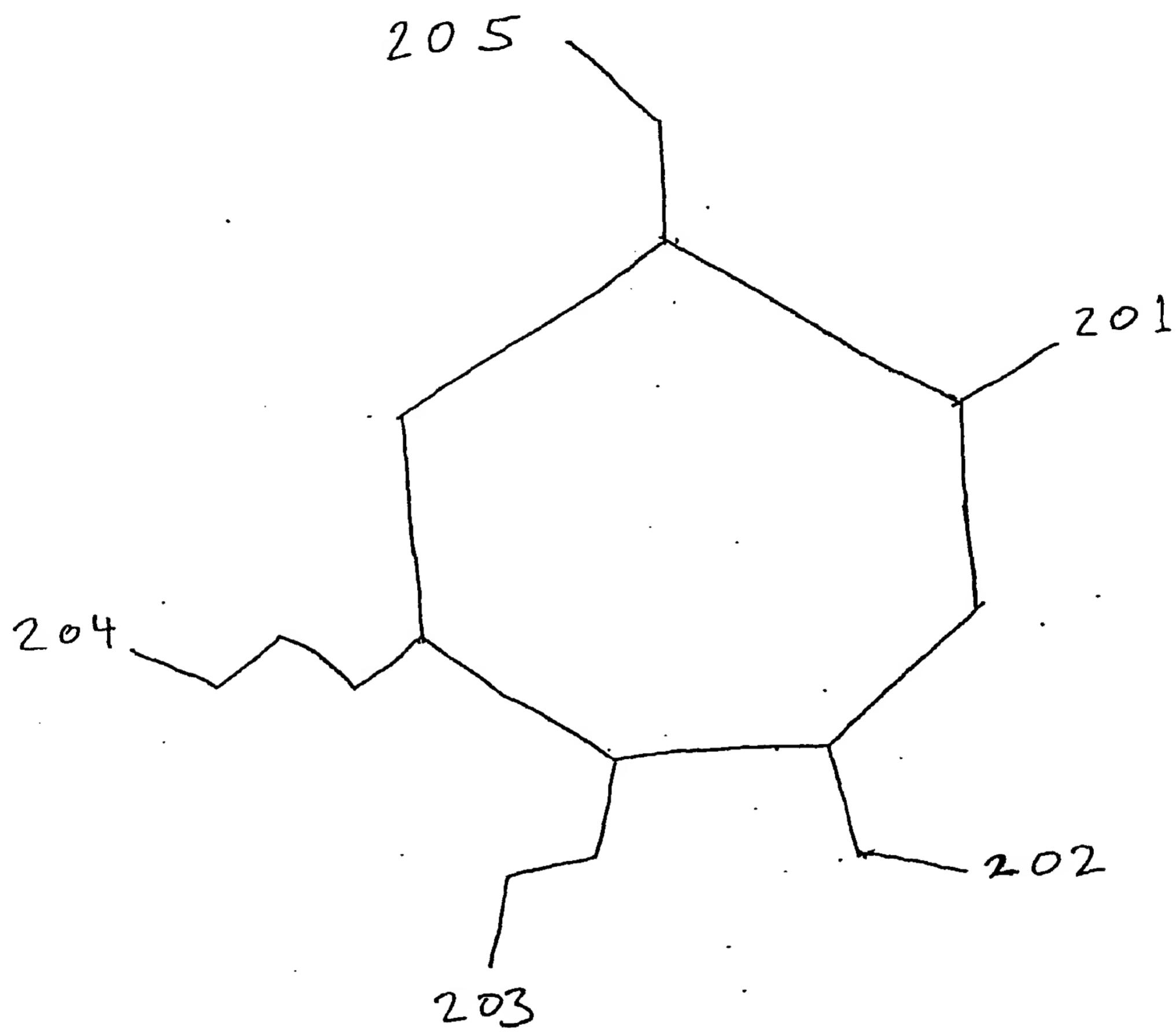


Figure 2

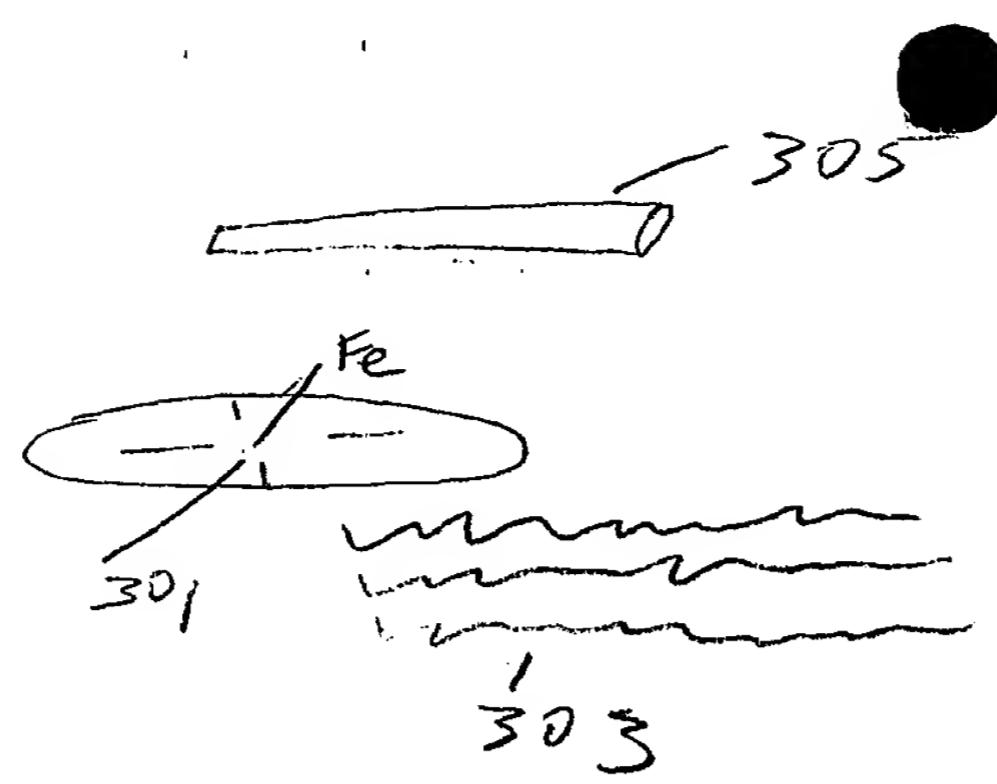


FIGURE 3A

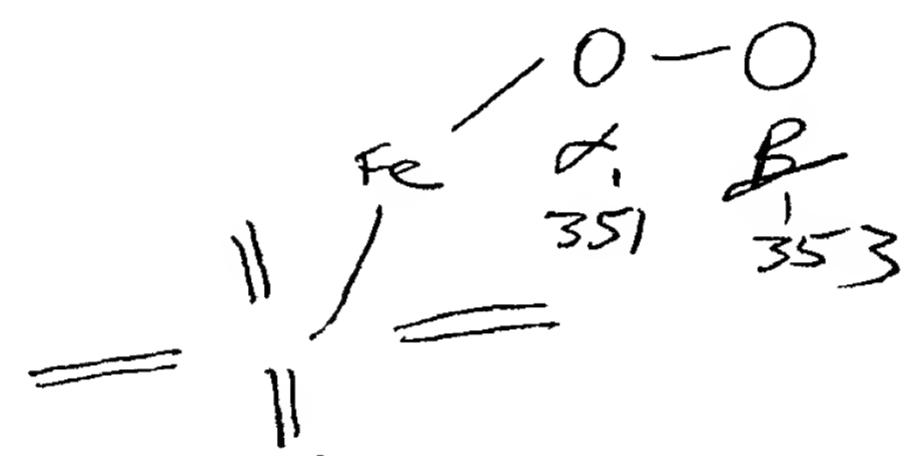


FIGURE 3B

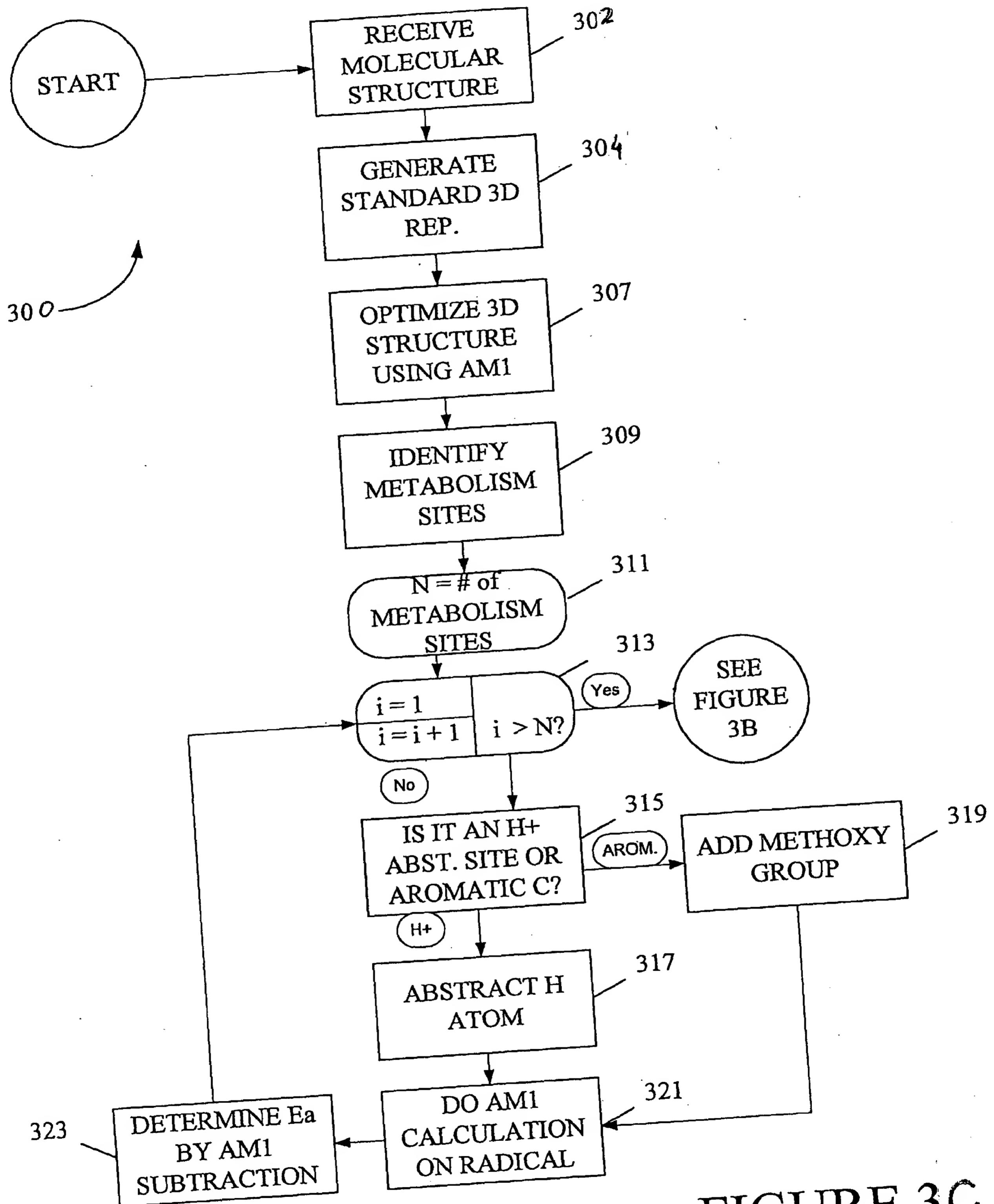


FIGURE 3C

100 200 300 400 500 600 700 800 900 1000

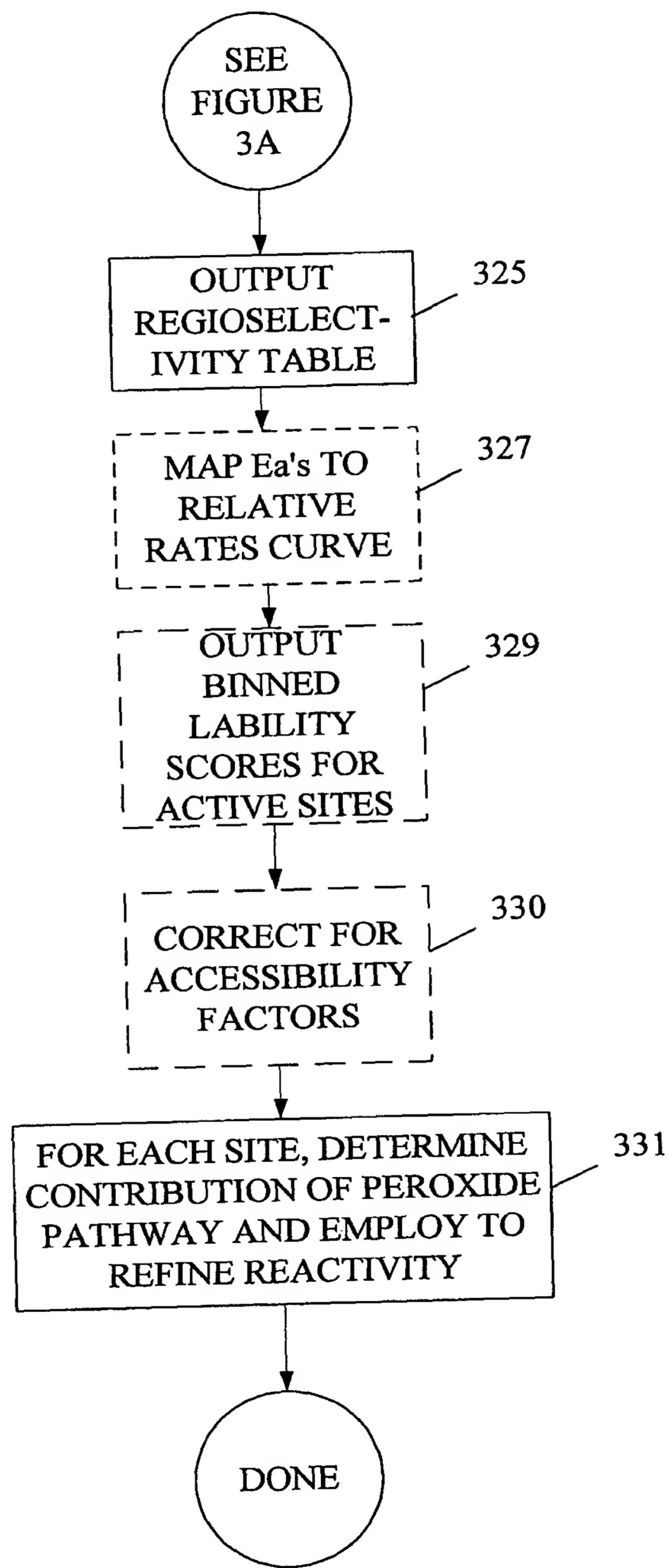


FIGURE 3D

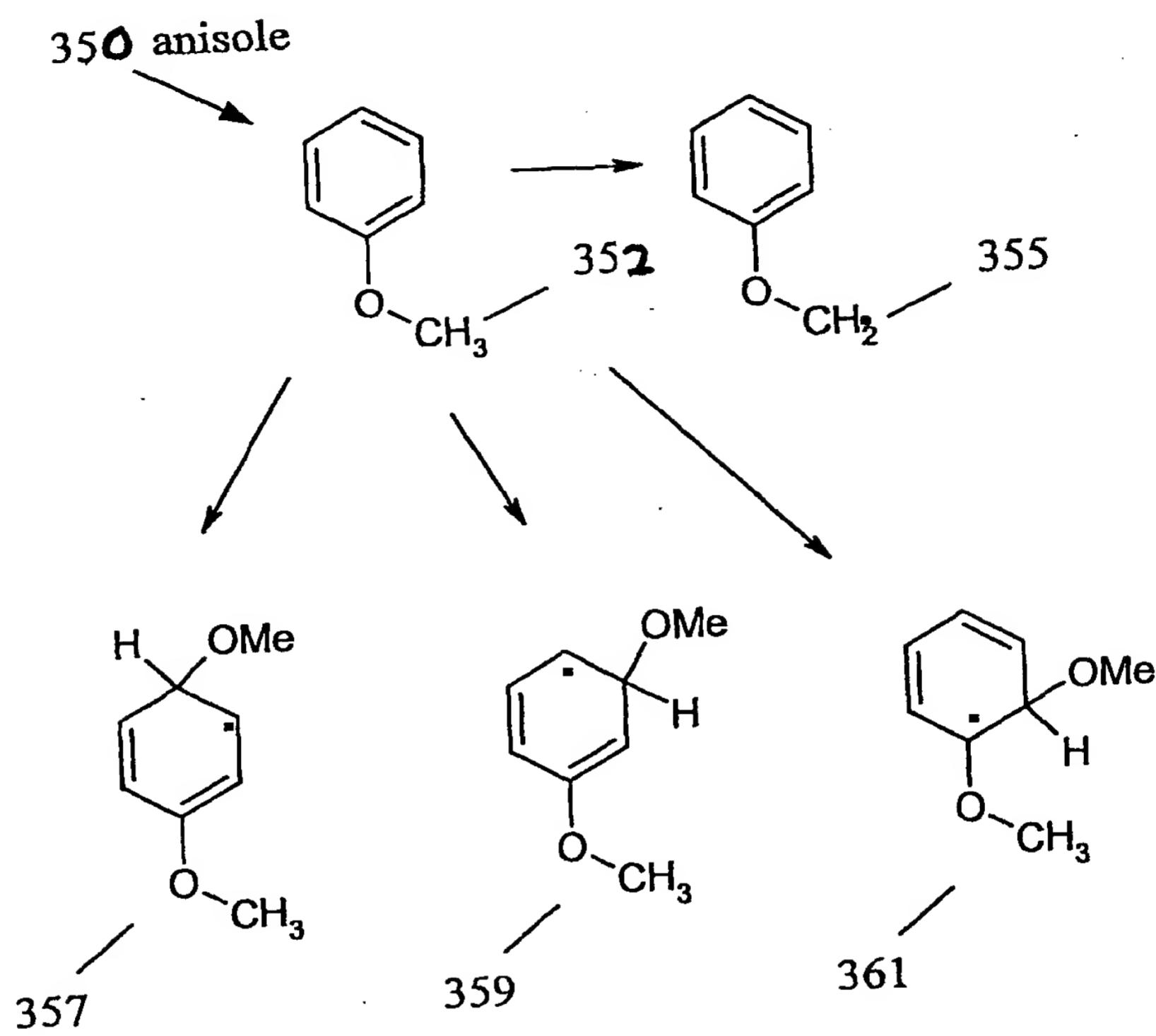


FIGURE 3E

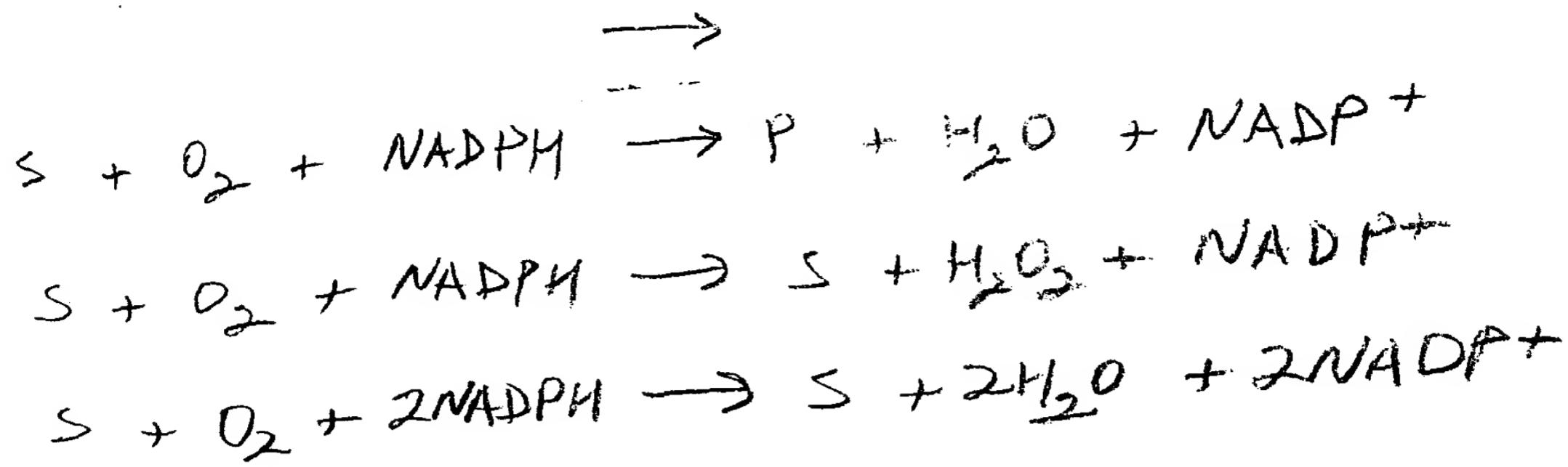


FIG. 4A

	$O_2$	$NADPH$	$H_2O_2$
product formation	1	1	0
peroxide decapping	1	1	1
water decapping	1	2	0

FIG. 4B

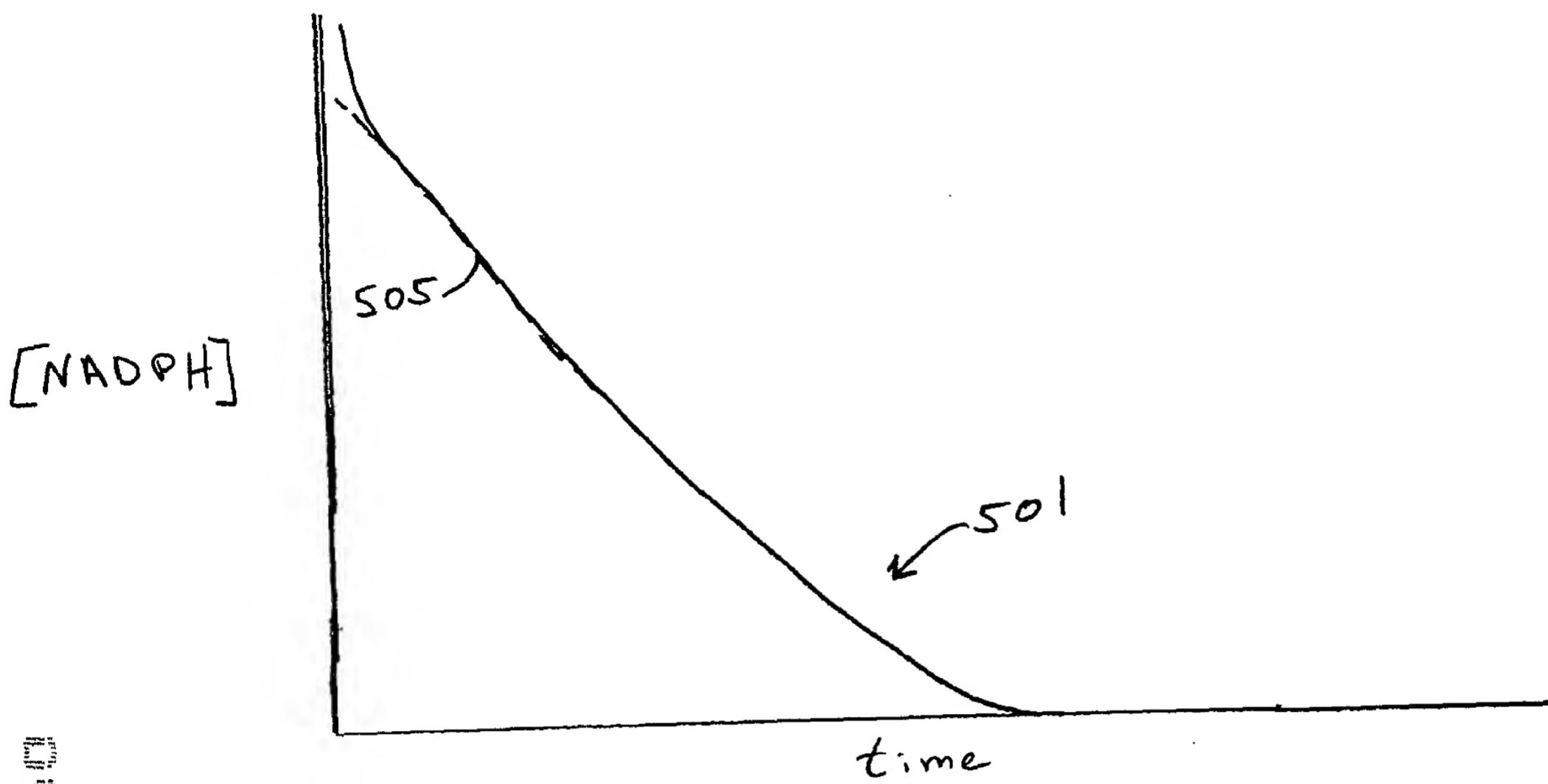


Figure 5A

505  
501  
time

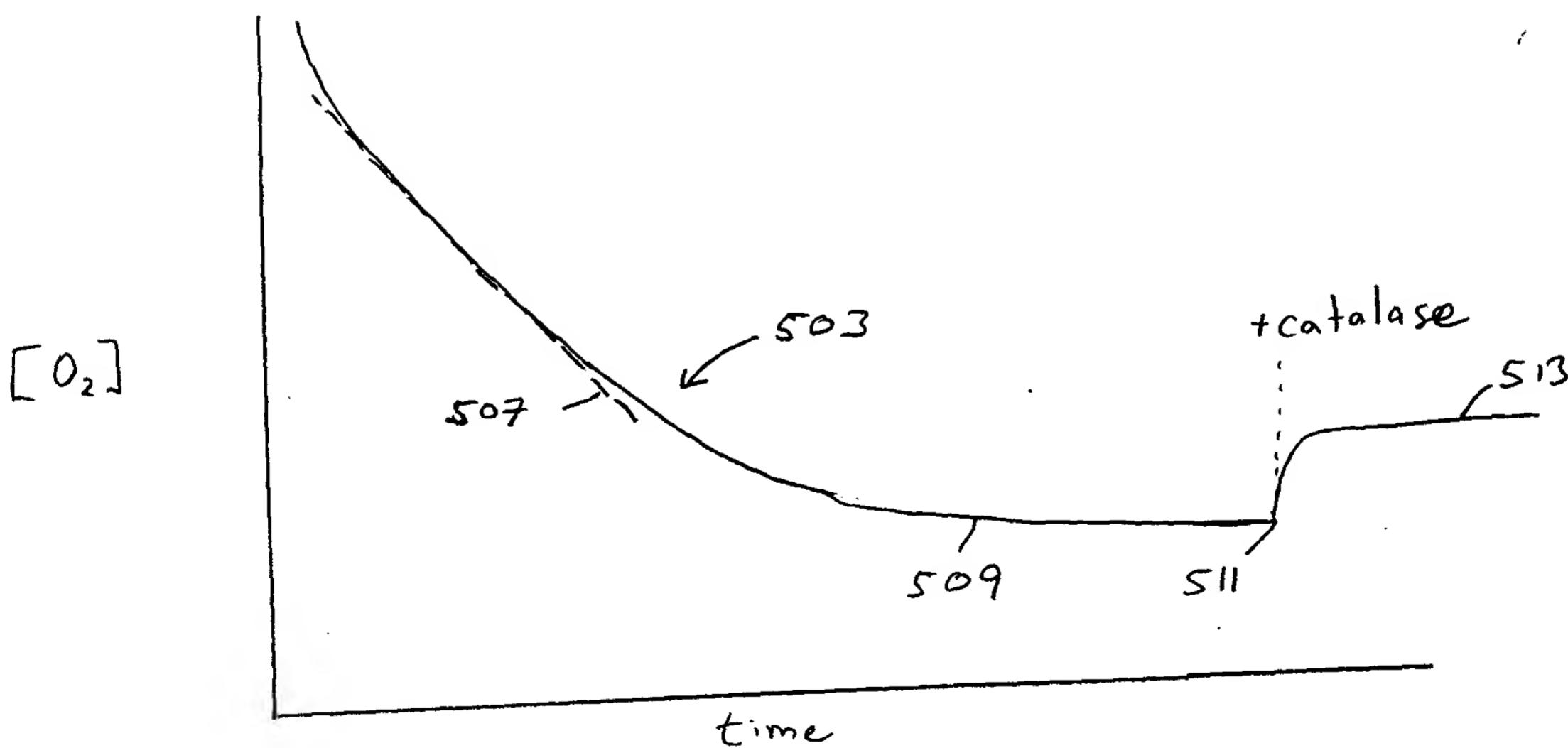


Figure 5B

507  
503  
509  
511  
513  
+catalase  
time

$[O_2]$   
 $[NADPH]$

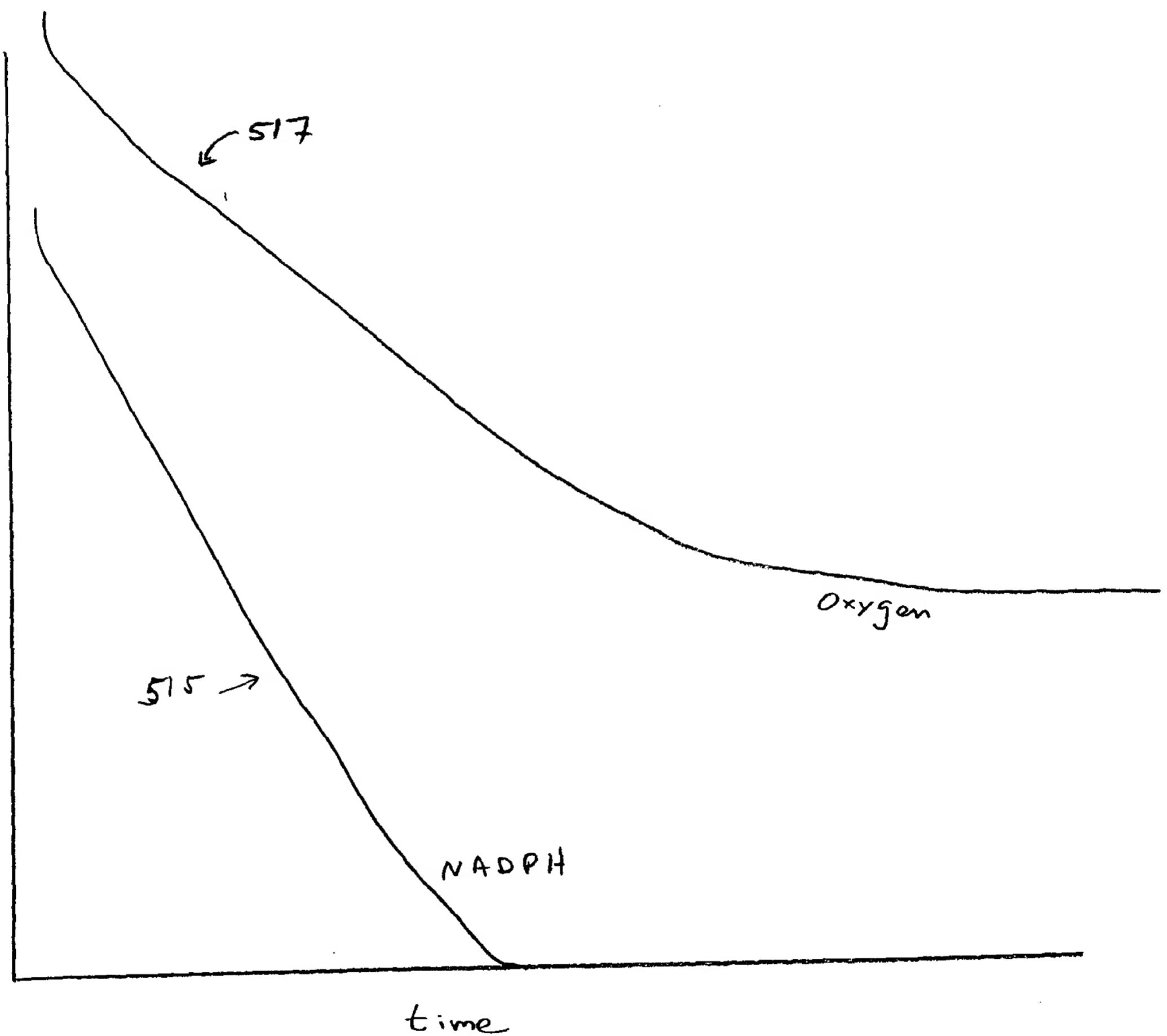


Figure 5C

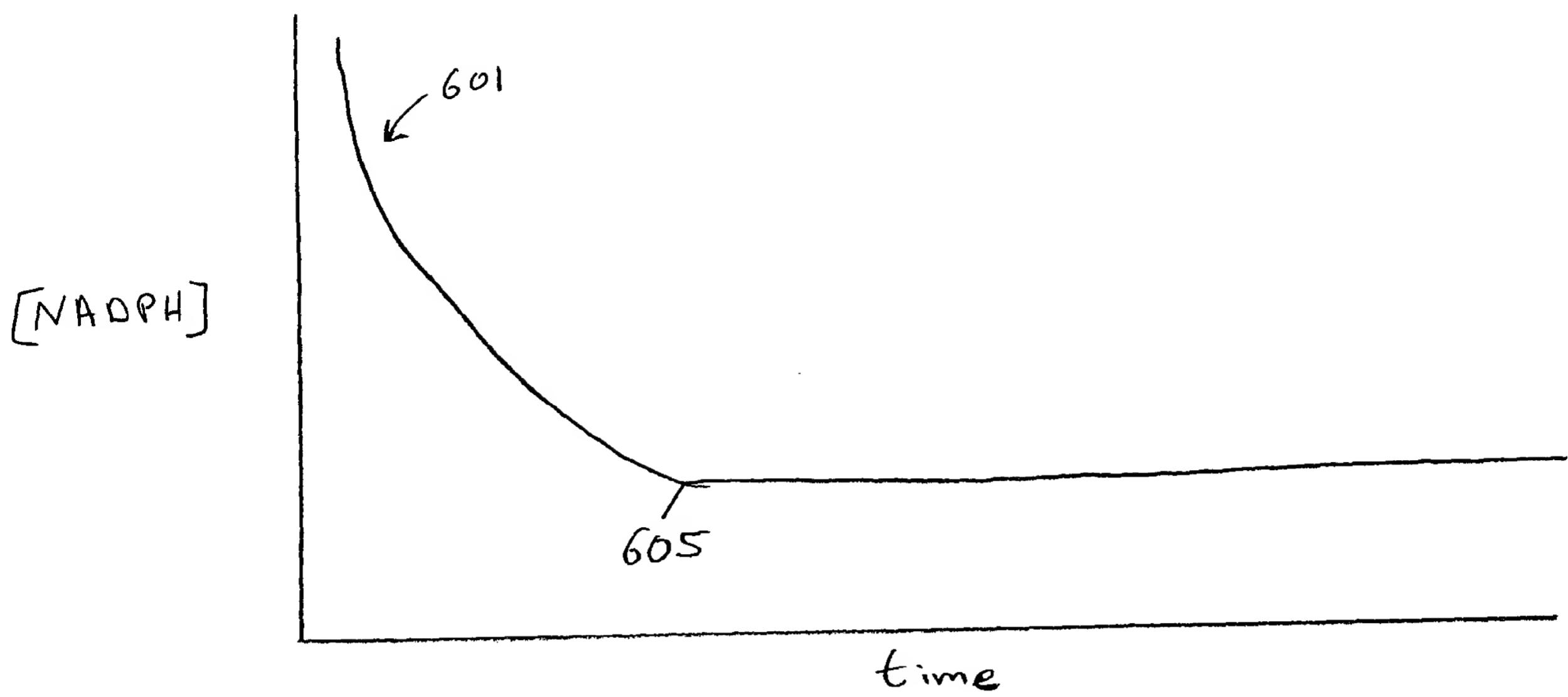


Figure 6A

220  $\mu M$

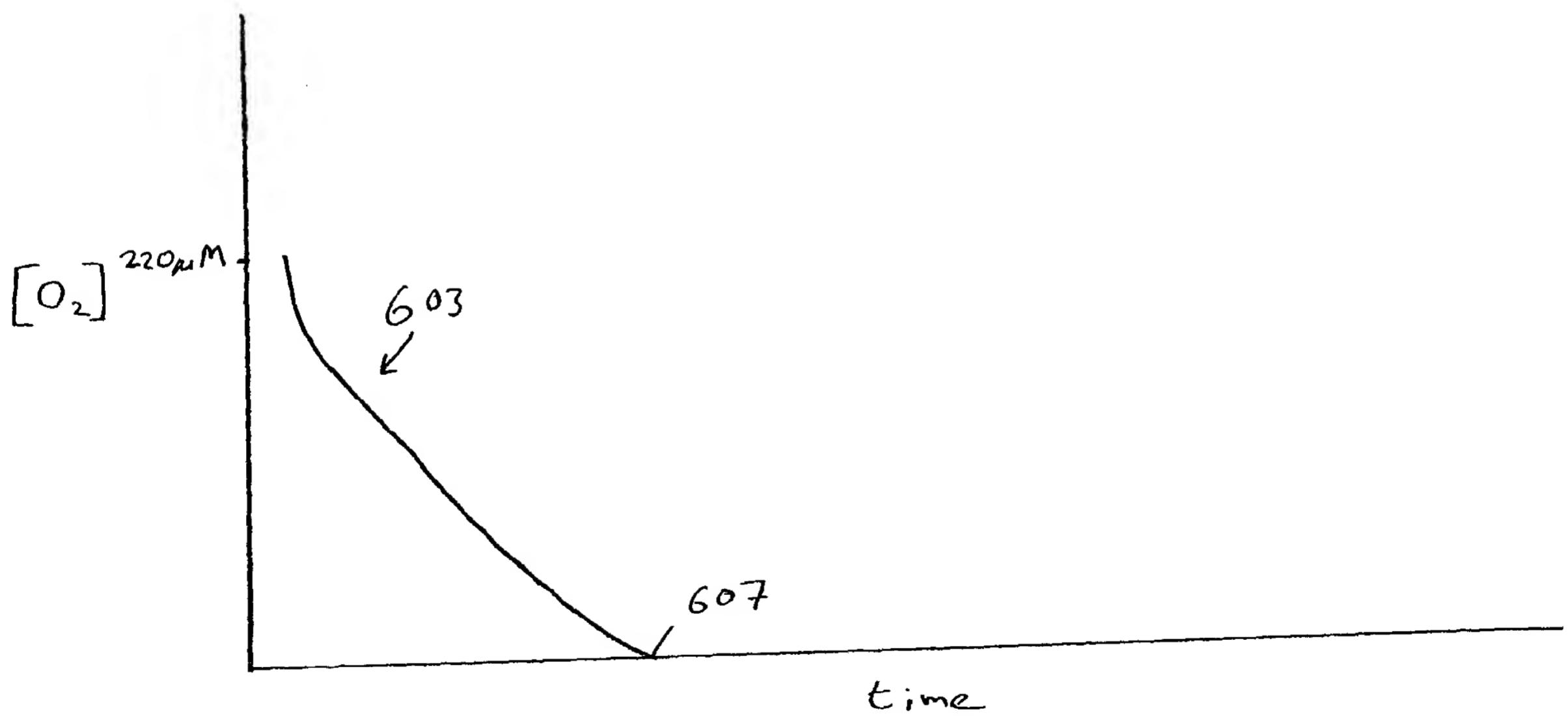


Figure 6B

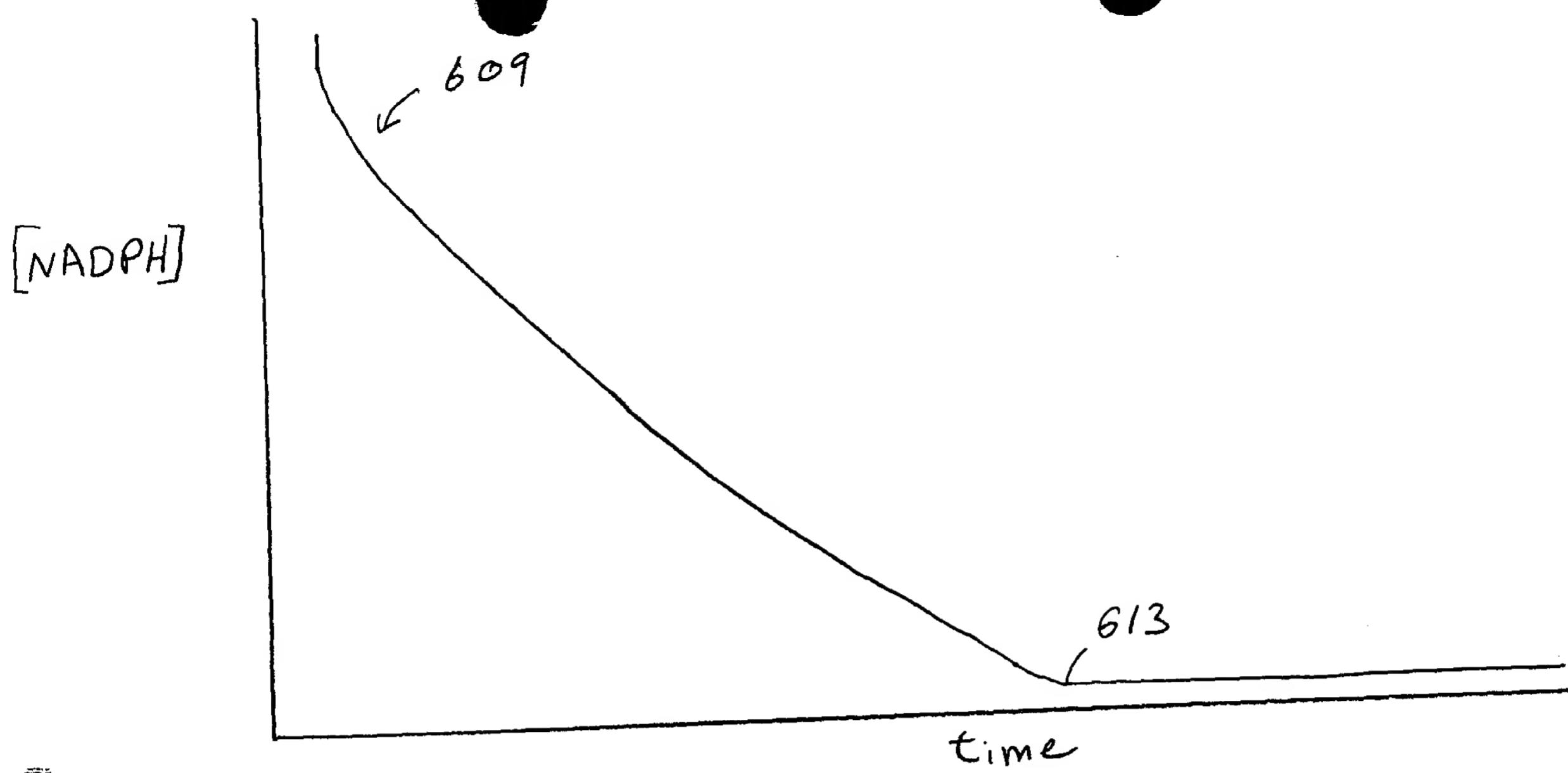


Figure 6 C

220  $\mu M$

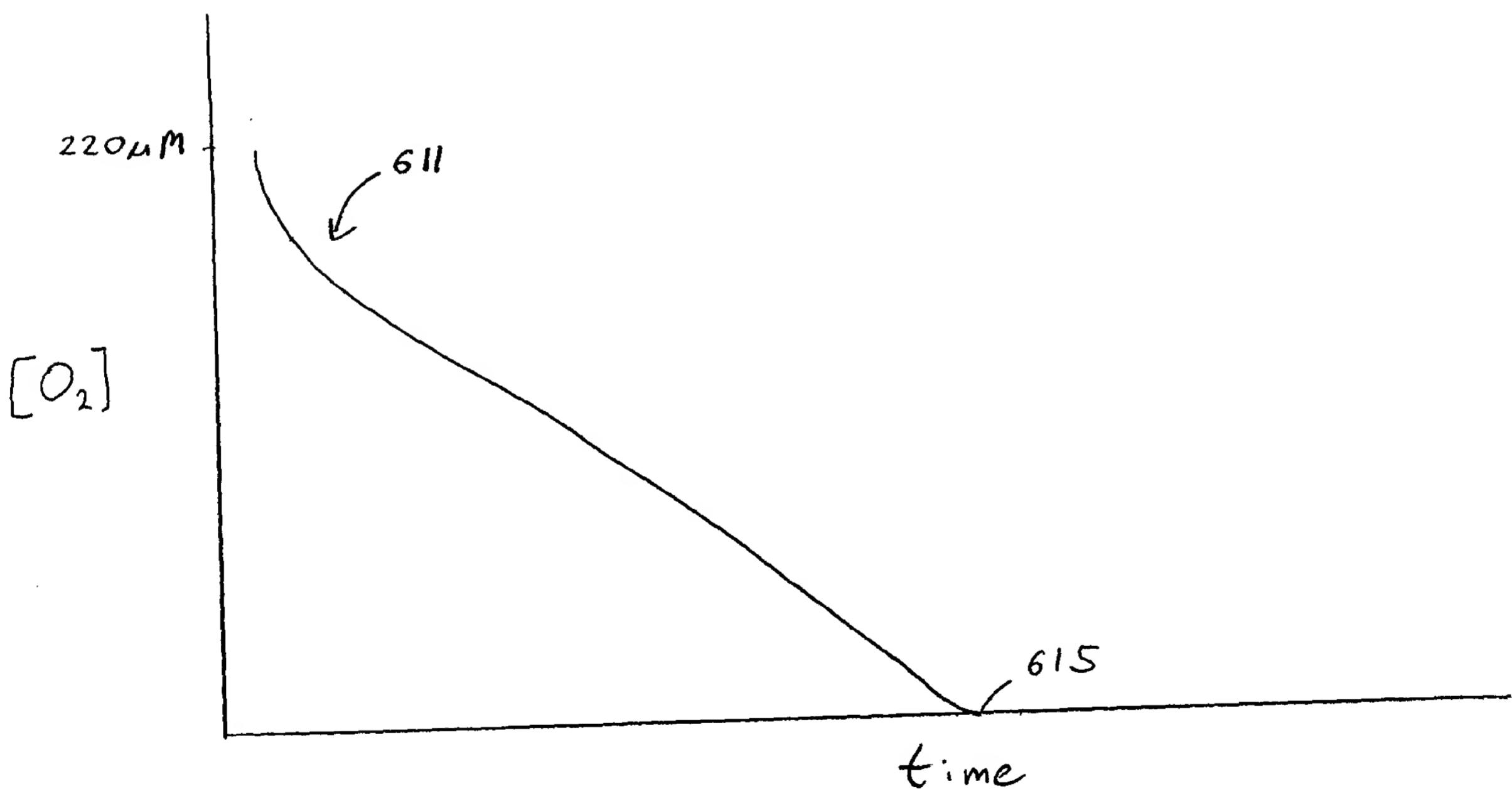


Figure 6 D

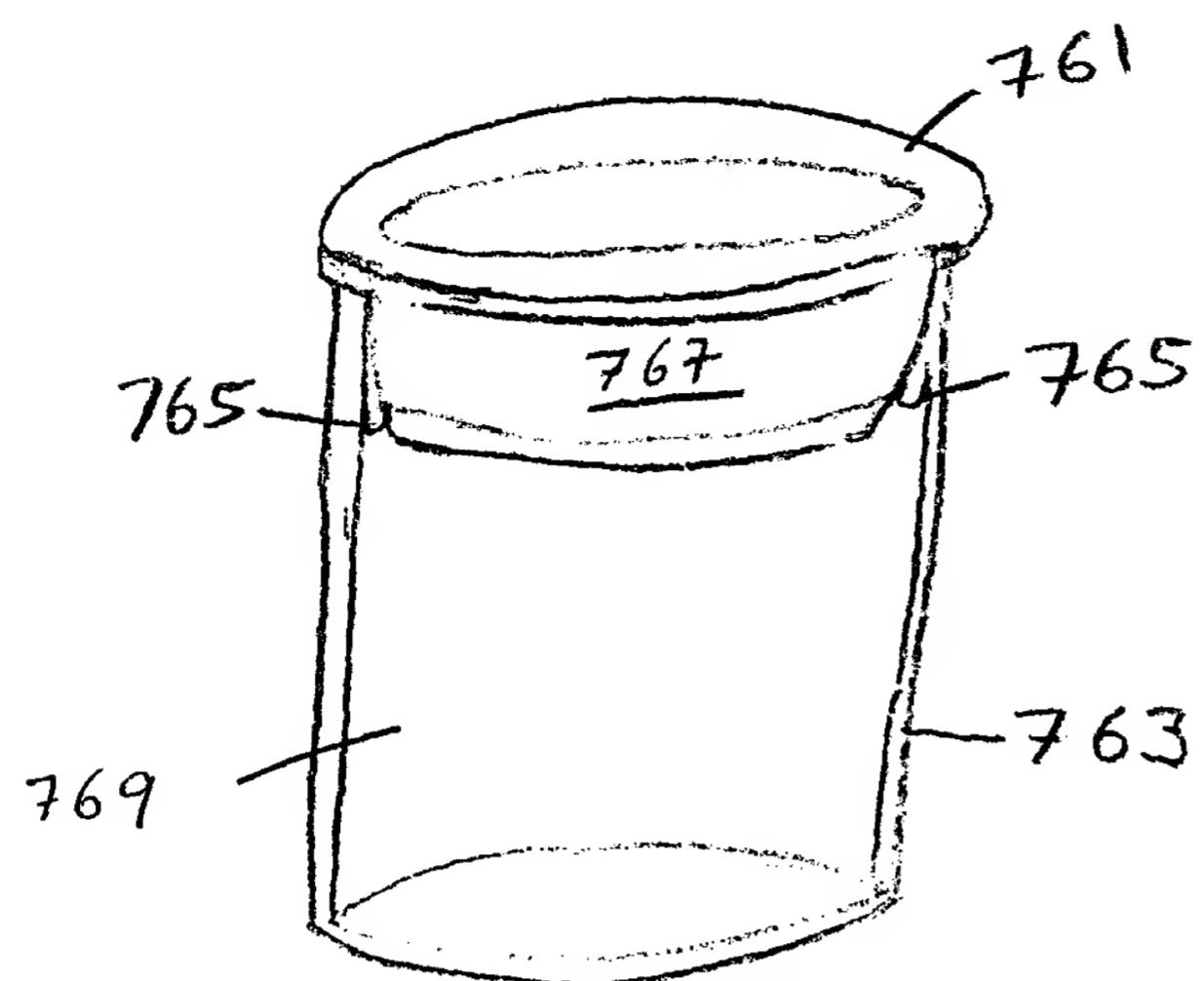


Figure 7A

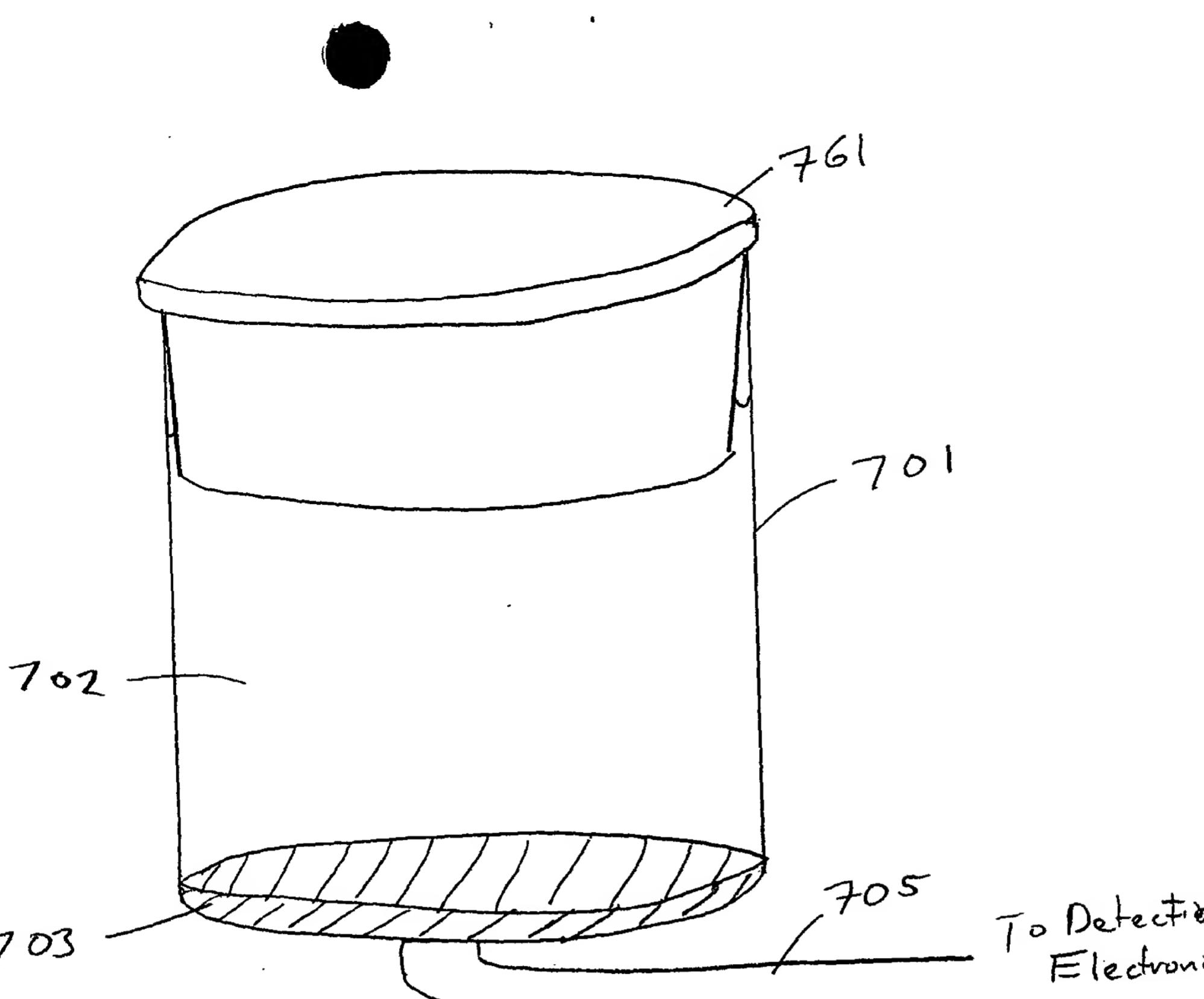


FIG. 7B

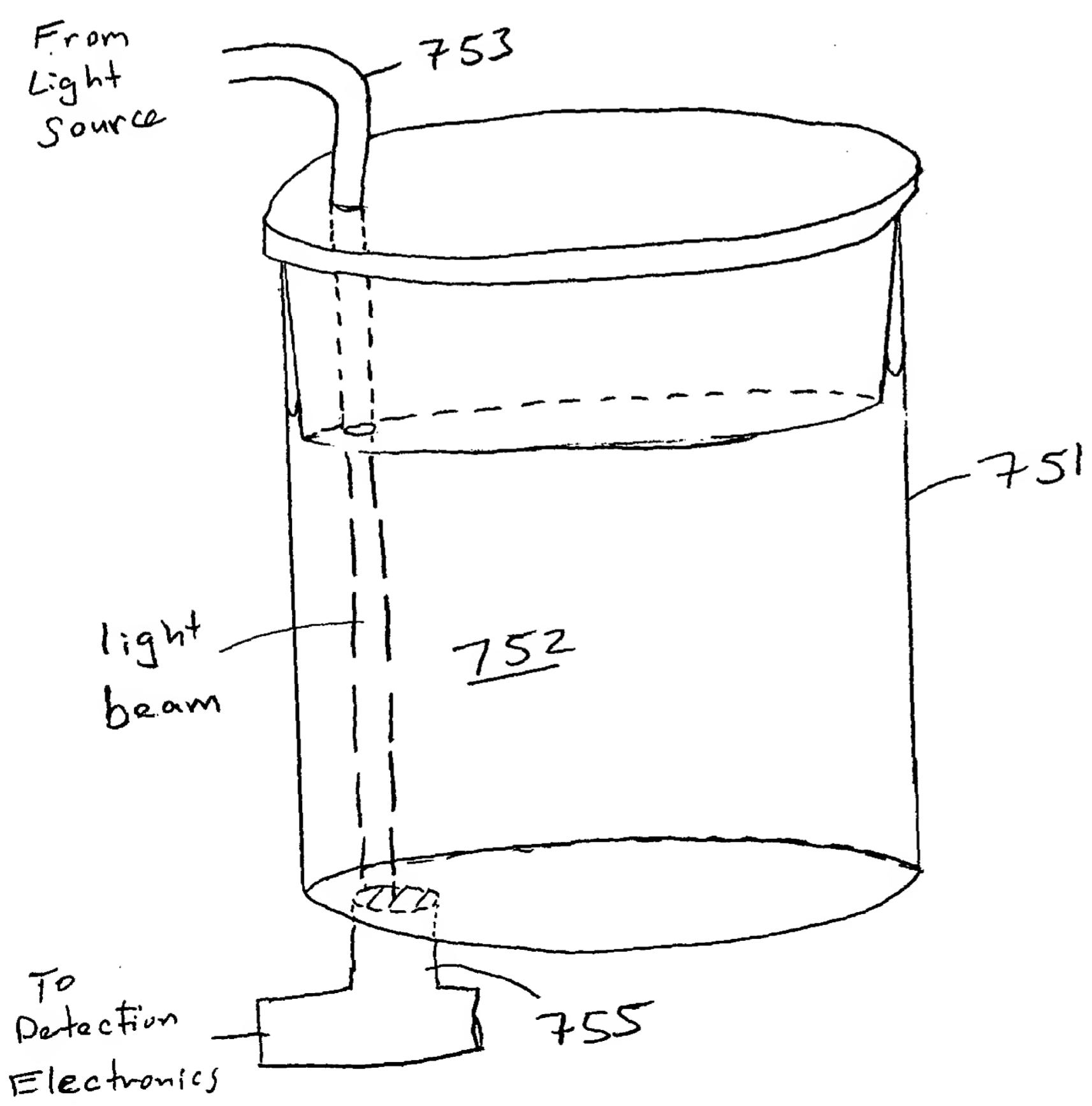


FIG. 7C

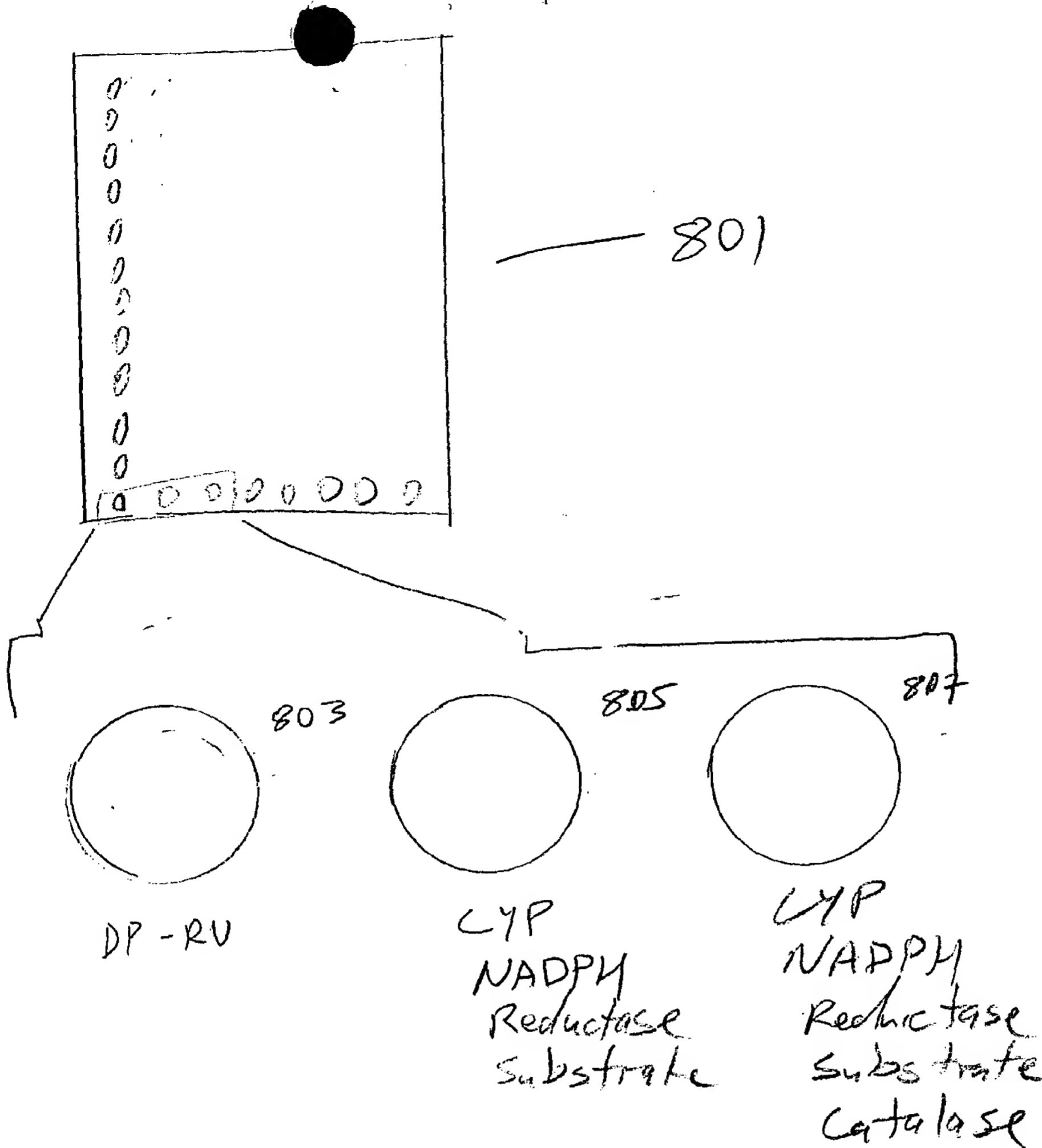
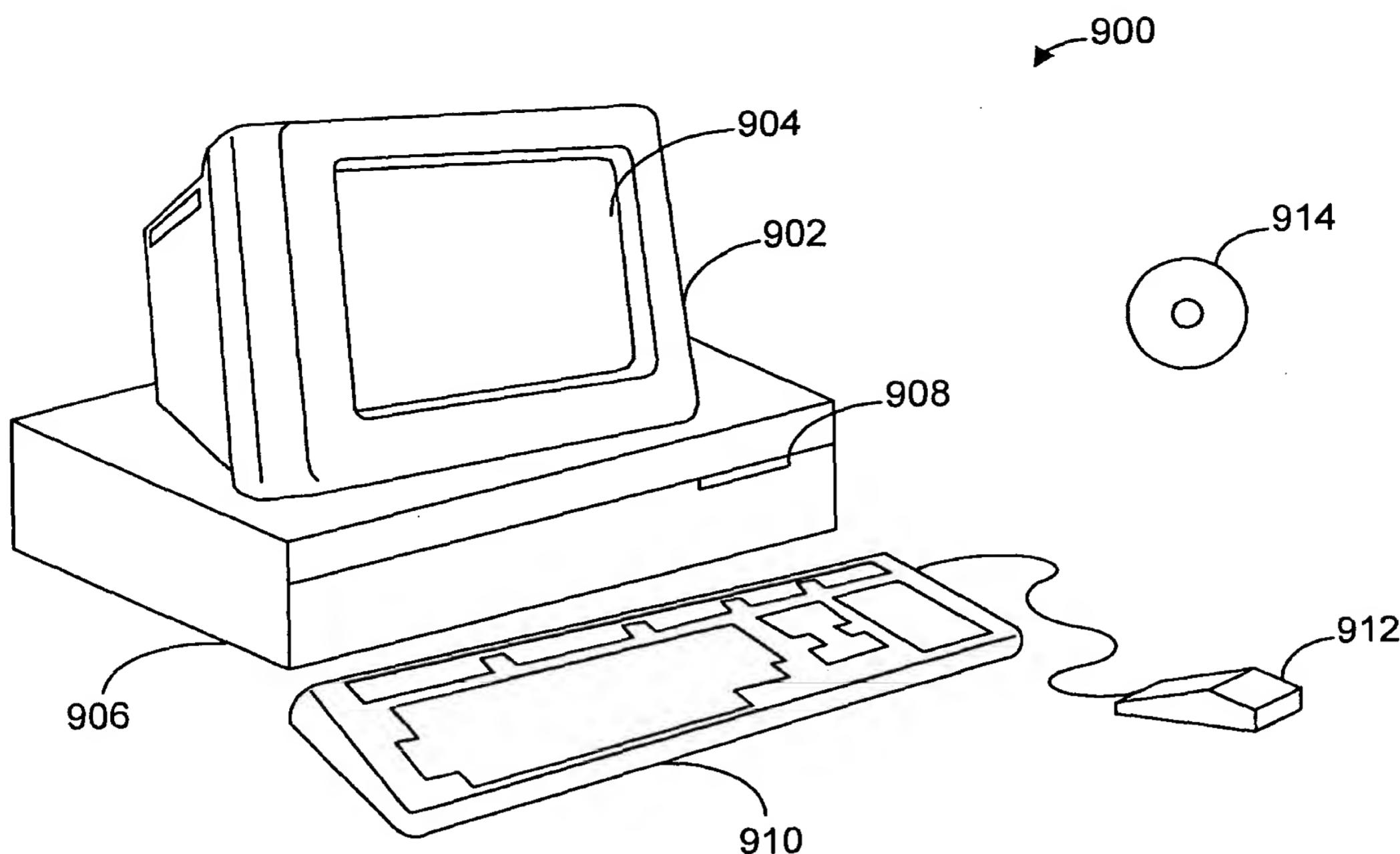
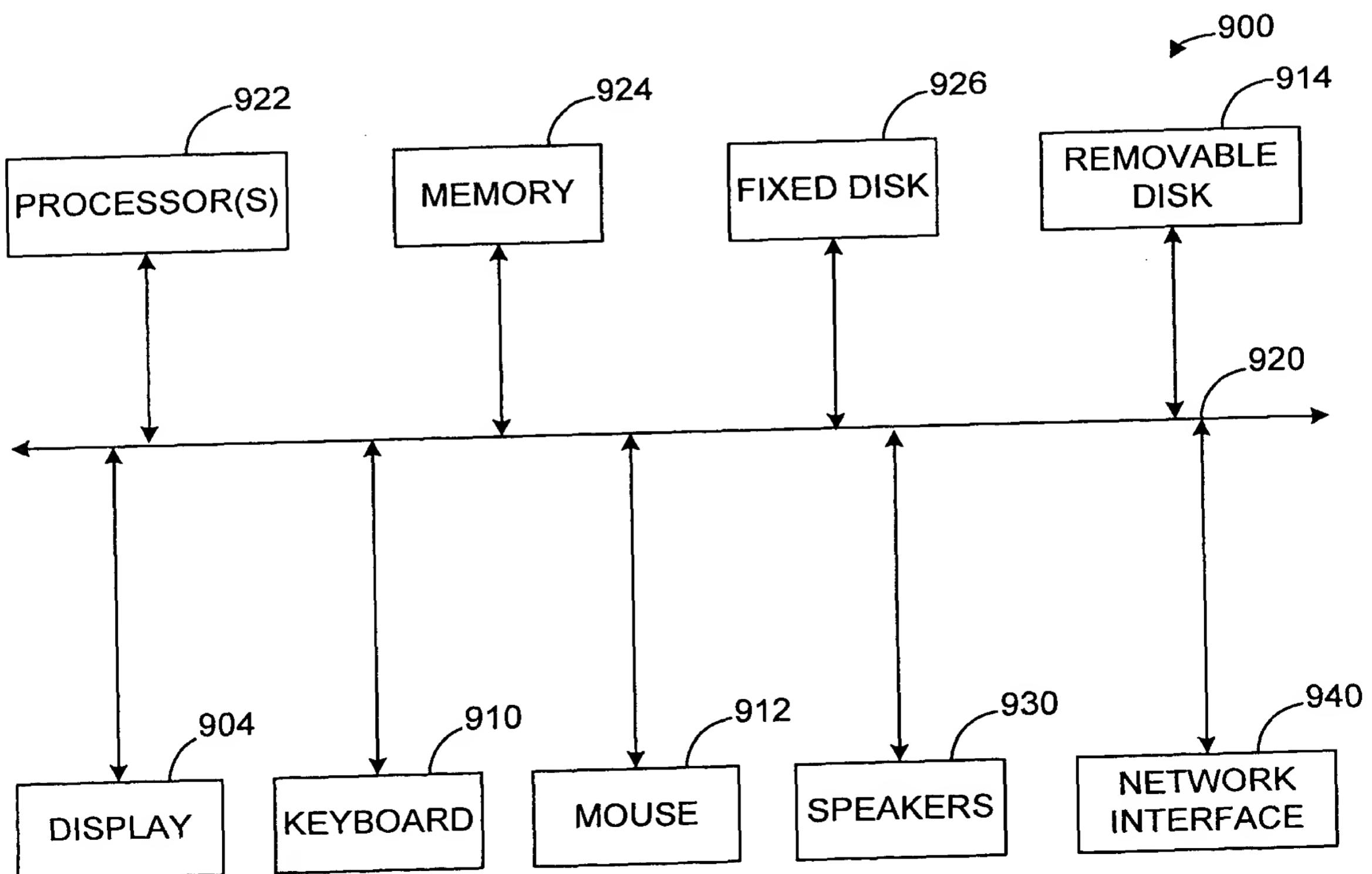


FIG. 8



**Figure 9A**



**Figure 9B**

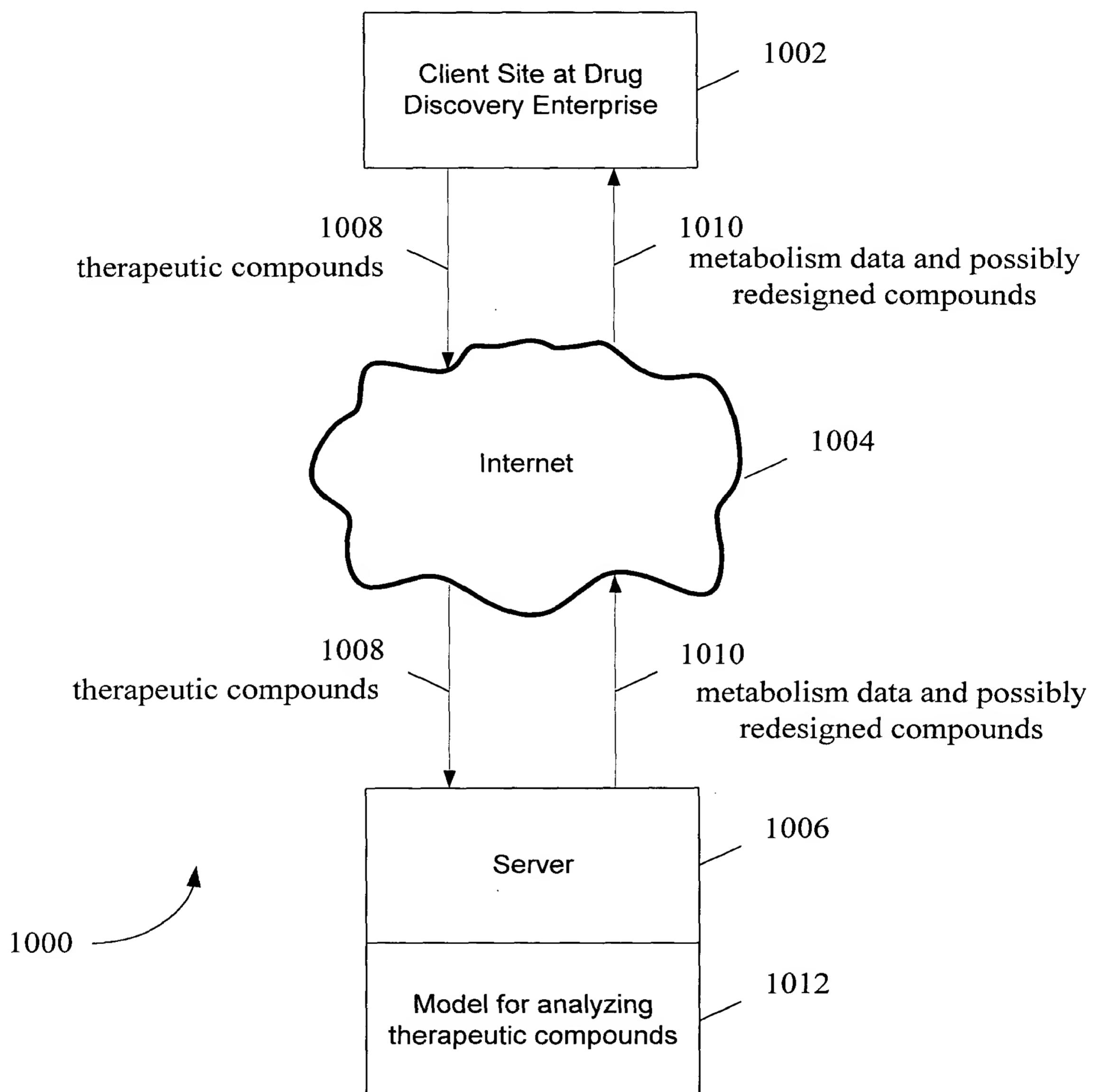


FIGURE 10